

10/525781 Pd CMPDS str search using dmpa

=> d his

(FILE 'HOME' ENTERED AT 17:24:07 ON 06 SEP 2007)

L1 FILE 'REGISTRY' ENTERED AT 17:24:20 ON 06 SEP 2007  
STRUCTURE UPLOADED

FILE 'STNGUIDE' ENTERED AT 17:26:28 ON 06 SEP 2007

L2 FILE 'REGISTRY' ENTERED AT 17:28:12 ON 06 SEP 2007  
STRUCTURE UPLOADED

L3 1 S L2

L4 10 S L2 SSS FULL

L5 FILE 'HCAPLUS' ENTERED AT 17:29:54 ON 06 SEP 2007  
3 S L4

FILE 'STNGUIDE' ENTERED AT 17:31:13 ON 06 SEP 2007

10/525781 Pd CMPDS str search using dmpa

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAMLL1621

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\*\*\*\*\* Welcome to STN International \*\*\*\*\*

NEWS 1 Web Page for STN Seminar Schedule - N. America  
NEWS 2 MAY 01 New CAS web site launched  
NEWS 3 MAY 08 CA/CAPLUS Indian patent publication number format defined  
NEWS 4 MAY 14 RDISCLOSURE on STN Easy enhanced with new search and display fields  
NEWS 5 MAY 21 BIOSIS reloaded and enhanced with archival data  
NEWS 6 MAY 21 TOXCENTER enhanced with BIOSIS reload  
NEWS 7 MAY 21 CA/CAPLUS enhanced with additional kind codes for German patents  
NEWS 8 MAY 22 CA/CAPLUS enhanced with IPC reclassification in Japanese patents  
NEWS 9 JUN 27 CA/CAPLUS enhanced with pre-1967 CAS Registry Numbers  
NEWS 10 JUN 29 STN Viewer now available  
NEWS 11 JUN 29 STN Express, Version 8.2, now available  
NEWS 12 JUL 02 LEMBASE coverage updated  
NEWS 13 JUL 02 LEMBASE coverage updated  
NEWS 14 JUL 02 SCISEARCH enhanced with complete author names  
NEWS 15 JUL 02 CHEMCATS accession numbers revised  
NEWS 16 JUL 02 CA/CAPLUS enhanced with utility model patents from China  
NEWS 17 JUL 16 CA/CAPLUS enhanced with French and German abstracts  
NEWS 18 JUL 18 CA/CAPLUS patent coverage enhanced  
NEWS 19 JUL 26 USPATFULL/USPAT2 enhanced with IPC reclassification  
NEWS 20 JUL 30 USGENE now available on STN  
NEWS 21 AUG 06 CAS REGISTRY enhanced with new experimental property tags  
NEWS 22 AUG 06 BEILSTEIN updated with new compounds  
NEWS 23 AUG 06 FSTA enhanced with new thesaurus edition  
NEWS 24 AUG 13 CA/CAPLUS enhanced with additional kind codes for granted patents  
NEWS 25 AUG 20 CA/CAPLUS enhanced with CAS indexing in pre-1907 records  
NEWS 26 AUG 27 Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB  
NEWS 27 AUG 27 USPATOLD now available on STN  
NEWS 28 AUG 28 CAS REGISTRY enhanced with additional experimental spectral property data  
  
NEWS EXPRESS 05 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2, CURRENT WACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 05 SEPTEMBER 2007.  
  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8

10/525781 Pd CMPDS str search using dmpa

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

\*\*\*\*\* STN Columbus \*\*\*\*\*

FILE 'HOME' ENTERED AT 17:24:07 ON 06 SEP 2007

=> file reg  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY 0.21 SESSION 0.21  
FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 17:24:20 ON 06 SEP 2007  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 5 SEP 2007 HIGHEST RN 946114-43-8  
DICTIONARY FILE UPDATES: 5 SEP 2007 HIGHEST RN 946114-43-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JUNE 29, 2007

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=>  
Uploading C:\Program Files\Stnexp\Queries\2007cases\10525781\dmpawithout ferrocene.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

Structure attributes must be viewed using STN Express query preparation.

10/525781 Pd CMPDS str search using dmpa

=> s l1

STRUCTURE TOO LARGE - SEARCH ENDED

A structure in your query is too large. You may delete attributes or atoms to reduce the size of the structure and try again.

	SINCE FILE	TOTAL
=> fil string	ENTRY	SESSION
COST IN U.S. DOLLARS	1.80	2.01
FULL ESTIMATED COST		

FILE 'STNGUIDE' ENTERED AT 17:26:28 ON 06 SEP 2007  
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT  
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: AUG 31, 2007 (20070831/UP).

	SINCE FILE	TOTAL
=> file reg	ENTRY	SESSION
COST IN U.S. DOLLARS	0.18	2.19
FULL ESTIMATED COST		

FILE 'REGISTRY' ENTERED AT 17:28:12 ON 06 SEP 2007  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 5 SEP 2007 HIGHEST RN 946114-43-8  
DICTIONARY FILE UPDATES: 5 SEP 2007 HIGHEST RN 946114-43-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JUNE 29, 2007

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

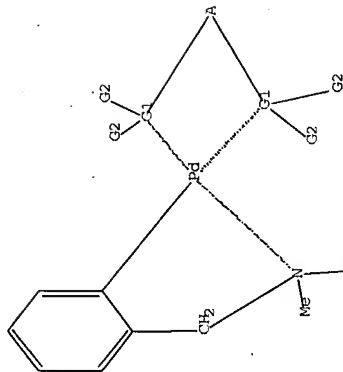
=>  
Uploading C:\Program Files\Stnexp\Queries\2007cases\10525781\dmpa less G2 def n  
without ferrocene.str

L2 STRUCTURE UPLOADED

=> d l2  
L2 HAS NO ANSWERS  
L2 STR

Page 3 searched 9/6/07

10/525781 Pd CMPDS str search using dmpa



G1 N, P, As, Bi, Sb

G2 H, NH2, NO2, A, Cb, Cy, Ak

Structure attributes must be viewed using STN Express query preparation.

=> s l2

SAMPLE SEARCH INITIATED 17:28:39 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 312 TO ITERATE

100.0% PROCESSED 312 ITERATIONS  
SEARCH TIME: 00.00.01 1 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 5181 TO 7299  
PROJECTED ANSWERS: 1 TO 80

L3 1 SEA SSS SAM L2

=> s l2 sss full

FULL SEARCH INITIATED 17:28:44 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 6025 TO ITERATE

100.0% PROCESSED 6025 ITERATIONS  
SEARCH TIME: 00.00.01 10 ANSWERS

L4 10 SEA SSS FUL L2

=> d l4 1-10 ide

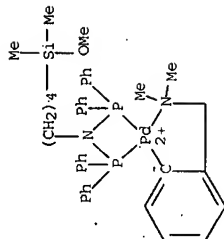
L4 ANSWER 1 OF 10 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 327968-51-4 REGISTRY

ED Entered STN.: 19 Mar 2001  
CN Palladium(1+), [2-[(dimethylamino)N-methyl]phenyl] \*C [N-

Page 4 searched 9/6/07

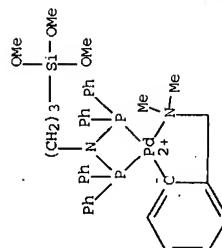
10/525781 Pd CMPDS str search using dmpa

(diphenylphosphinoκP)-N-[4-(methoxydimethylsilyl)butyl]-P-P-  
diphenylphosphinousamideκP]-, (SP-4-3) - (9CI) (CA INDEX NAME)  
MF C40 H49 N2 O P2 Pd Si  
CI CCS, COM  
SR CA  
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 2 OF 10 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 327968-50-3 REGISTRY  
ED Entered STN: 19 Mar 2001  
CN Palladium(1+), [2-[(dimethylaminoκN)methyl]phenylκC] [N-(  
diphenylphosphinoκP)-P-P-diphenyl-N-[3-(  
trimethoxysilyl)propyl]phosphinousamideκP]-, (SP-4-3) - (9CI) (CA  
INDEX NAME)  
MF C39 H47 N2 O3 P2 Pd Si  
CI CCS, COM  
SR CA  
LC STN Files: CA, CAPLUS

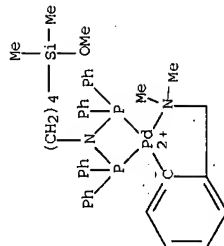


1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

Page 5 searched 9/6/07

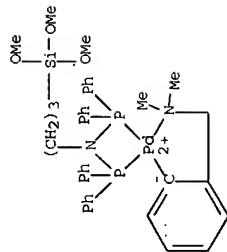
10/525781 Pd CMPDS str search using dmpa

L4 ANSWER 3 OF 10 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 327968-48-9 REGISTRY  
ED Entered STN: 19 Mar 2001  
CN Palladium(1+), [2-[(dimethylaminoκN)methyl]phenylκC] [N-(  
diphenylphosphinoκP)-N-[4-(methoxydimethylsilyl)butyl]-P-P-  
diphenylphosphinousamideκP]-, chloride, (SP-4-3) - (9CI) (CA INDEX  
NAME)  
MF C40 H49 N2 O P2 Pd Si . Cl  
CI CCS  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT  
CRN (327968-51-4)



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
L4 ANSWER 4 OF 10 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 327968-47-8 REGISTRY  
ED Entered STN: 19 Mar 2001  
CN Palladium(1+), [2-[(dimethylaminoκN)methyl]phenylκC] [N-(  
diphenylphosphinoκP)-P-P-diphenyl-N-[3-(  
trimethoxysilyl)propyl]phosphinousamideκP]-, chloride, (SP-4-3) -  
(9CI) (CA INDEX NAME)  
MF C39 H47 N2 O3 P2 Pd Si . Cl  
CI CCS  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT  
CRN (327968-50-3)

Page 6 searched 9/6/07



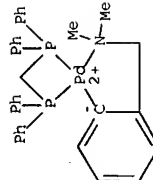
● Cl<sup>-</sup>

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 5 OF 10 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 292152-54-6 REGISTRY  
ED Entered STN: 03 Oct 2000  
CN Palladium(1+), [2-[(dimethylamino)N-methyl]phenyl]-  
κC[methylenebis(diphenylphosphine)P]]-, (SP-4-3)-,  
hexafluorophosphate(1-) (9CI) (CA INDEX NAME)  
MF C34 H34 N P2 Pd . F6 P  
SR CA  
LC STN Files: CA, CAPLUS

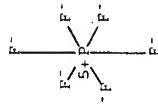
CM 1

CRN 123223-73-4  
CMF C34 H34 N P2 Pd  
CCI CCS



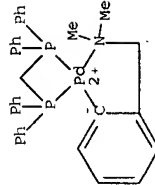
CM 2

CRN 16919-18-9  
CMF F6 P  
CCI CCS



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 6 OF 10 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 292152-44-4 REGISTRY  
ED Entered STN: 03 Oct 2000  
CN Palladium(1+), [2-[(dimethylamino)N-methyl]phenyl]-  
κC[methylenebis(diphenylphosphine)P]]-, chloride, (SP-4-3)-  
(9CI) (CA INDEX NAME)  
MF C34 H34 N P2 Pd . Cl  
CI CCS  
SR CA  
LC STN Files: CA, CAPLUS  
CRN (123223-73-4)



● Cl<sup>-</sup>

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

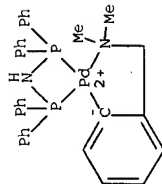
L4 ANSWER 7 OF 10 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 123223-82-5 REGISTRY  
ED Entered STN: 13 Oct 1989  
CN Palladium(1+), [2-[(dimethylamino)methyl]phenyl-C,N] [N-(diphenylphosphino)-  
P,P'-diphenylphosphinamide-P,P']-, (SP-4-3)-, perchlorate (9CI) (CA  
INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Benzenemethanamine, N,N-dimethyl-, palladium complex  
CN Phosphinous amide, N-(diphenylphosphino)-P,P'-diphenyl-, palladium complex  
CN Phosphinous amide, palladium(1+) deriv.  
MF C33 H33 N2 P2 Pd . Cl O4  
SR CA  
LC STN Files: CA, CAPLUS, GWELIN\*

10/525781 Pd CMPDS str search using dmpa

(\*File contains numerically searchable property data)

CM 1

CRN 123223-81-4  
CMF C33 H33 N2 P2 Pd  
CCI CCS



CM 2

CRN 14797-73-0  
CMF Cl O4



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 8 OF 10 REGISTRY COPYRIGHT 2007 ACS on STN

RN 123223-81-4 REGISTRY

ED Entered STN: 13 Oct 1989

CN Palladium(1+), [2-[(dimethylamino)methyl]phenyl-C,N] [N-(diphenylphosphino)-P,P-diphenylphosphinousamide-P,P']-, (SP-4-3) - (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzenemethanamine, N,N-dimethyl-, palladium complex

CN Phosphinous amide, N-(diphenylphosphino)-P,P-diphenyl-, palladium complex

CN Phosphinous amide, palladium(1+) deriv.

MF C33 H33 N2 P2 Pd

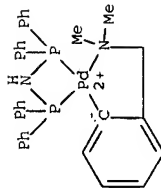
CI CCS, COM

SR CA

LC STN Files: GMELIN\*

(\*File contains numerically searchable property data)

10/525781 Pd CMPDS str search using dmpa



L4 ANSWER 9 OF 10 REGISTRY COPYRIGHT 2007 ACS on STN

RN 123223-74-5 REGISTRY

ED Entered STN: 13 Oct 1989

CN Palladium(1+), [2-[(dimethylamino)methyl]phenyl-

C,N] [methylenebis(diphenylphosphine)-P,P']-, (SP-4-3) -, perchlorate (9CI)  
(CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzenemethanamine, N,N-dimethyl-, palladium complex

CN Phosphine, methylenebis(diphenyl-, palladium complex

MF C34 H34 N P2 Pd Cl O4

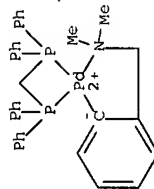
SR CA

LC STN Files: CA, CAPLUS, GMELIN\*

(\*File contains numerically searchable property data)

CM 1

CRN 123223-73-4  
CMF C34 H34 N P2 Pd  
CCI CCS



CM 2

CRN 14797-73-0  
CMF Cl O4

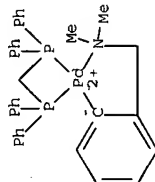


10/525781 Pd CMPDS str search using dmpa

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 10 OF 10 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 123223-73-4 REGISTRY  
ED Entered STN: 13 Oct 1989  
CN Palladium(1+), [2-[(dimethylamino-N)methyl]phenyl]-  
κC1(methylenebis[diphenylphosphine-P]]-, (SP-4-3)- (9CI) (CA  
INDEX NAME)

OTHER CA INDEX NAMES:  
CN Benzenemethanamine, N,N-dimethyl-, palladium complex  
CN Palladium(1+), [2-[(dimethylamino)methyl]phenyl]-  
κN1(methylenebis[diphenylphosphine-P]]-, (SP-4-3)-  
CN Phosphine, methylenebis[diphenyl-, palladium complex  
MF C34 H34 N P2 Pd  
CI CCS, COM  
SR CA  
LC STN Files: GMEIN\*  
(\*File contains numerically searchable property data)



=> d his

(FILE 'HOME' ENTERED AT 17:24:07 ON 06 SEP 2007)

L1 FILE 'REGISTRY' ENTERED AT 17:24:20 ON 06 SEP 2007  
STRUCTURE UPLOADED

FILE 'STNGUIDE' ENTERED AT 17:26:28 ON 06 SEP 2007

L2 FILE 'REGISTRY' ENTERED AT 17:28:12 ON 06 SEP 2007  
STRUCTURE UPLOADED

L3 1 S L2  
L4 10 S L2 SSS FULL

=> fil hcaplus  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST  
SINCE FILE ENTRY  
TOTAL SESSION  
192.50 194.69

FILE 'HCAPLUS' ENTERED AT 17:29:54 ON 06 SEP 2007  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

Page 11 searched 9/6/07

10/525781 Pd CMPDS str search using dmpa

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 6 Sep 2007 VOL 147 ISS 11

FILE LAST UPDATED: 5 Sep 2007 (20070905/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l4

L5 3 L4

=> d l5 1-3 1000 abs

L5 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2001:15798 HCAPLUS

DOCUMENT NUMBER: 134:202109

TITLE: Strategies for the anchoring of metal complexes, clusters, and colloids inside nanoporous alumina membranes.

AUTHOR(S): Braunstein, Pierre; Kormann, Hans-Peter; Meyer-Zaika, Wolfgang; Pugin, Raphael; Schmid, Gunter

CORPORATE SOURCE: Laboratoire de Chimie de Coordination, UMR 7513 CNRS, Université Louis Pasteur, Strasbourg, 67070, Fr.

SOURCE: Chemistry--A European Journal (2000), 6(24), 4637-4646  
CODEN: CEUJED; ISSN: 0947-6539  
Wiley-VCH Verlag GmbH

PUBLISHER: Journal

DOCUMENT TYPE: English

LANGUAGE: CASREACT 134:202109

OTHER SOURCE(S):

AB Two complementary strategies are presented for the anchoring of mol. Pd complexes of Co or Pt clusters or of Au colloids inside the nanopores of alumina membranes. The first consists in the one-step condensation of an alkoxysilyl functional group carried by the metal complex with the hydroxy groups covering the surface of the membrane pores. Thus, using the short-bite alkoxysilyl-functionalized phosphine ligands (Ph2P)2NH (CH2)3Si(OMe)3 (1) and (Ph2P)2N(CH2)4SiMe2(OMe) (2) derived from (Ph2P)2N(CH2)3Si(OMe)3 (1) and (Ph2P)2N(CH2)4SiMe2(OMe) (2) the Pd complexes [Pd(dmba)2]2-P, P-(Ph2P)2N(CH2)3Si(OMe)3 (1) (3) and [Pd(dmba)2]2-P, P-(Ph2P)2N(CH2)4SiMe2(OMe) (2) (4) (dmbaH = dimethyl benzylamine), resp., were tethered to the pore walls. After controlled thermal treatment, confined and highly dispersed Pd nanoparticles were formed and characterized by TEM. This method could not be applied to the Co cluster [Co4(CO)8μ-dppa]μ-P, P-(Ph2P)2N(CH2)4SiMe2(OMe) (7) owing to its too limited solubility. However, its anchoring was achieved by using the second method which consisted of first derivatizing the pore walls with 1 or 2. The covalent attachment of the diphosphine ligands provides a mol. anchor that allows subsequent

Page 12 searched 9/6/07

SOURCE: 50009, Spain  
Polyhedron (1988), 7(24), 2659-65  
CODEN: PLYHDE; ISSN: 0277-5387  
Journal  
English  
DOCUMENT TYPE: English  
LANGUAGE: English  
AB By reacting  $[Pd(C-N)(\eta-C1)]_2$  with  $AgClO_4$  in  $NCMe$ , the corresponding cationic complexes  $[Pd(C-N)(NCMe)_2]ClO_4$  ( $C-N = \text{phenylazophenyl-C}_2, N1$ ; dimethylbenzylamine-C2,  $N'$ -8-methylquinoline-C8,  $N$ ) can be obtained. Solns. containing the cations  $[Pd(C-N)(S)2]^+$  are obtained when the reaction is carried out in THF or Me2CO. The treatment of these solns. with bidentate ligands (L-L)  $[Ph_2PCH_2PPh_2]$ ,  $Ph_2PNHPh_2$  or  $Ph_2PCH_2PPh_2CH(CO)Ph$  gives the mononuclear  $[Pd(C-N)(L-L)]_2$   $ClO_4$  complexes, with L-L acting as a chelate ligand. On the other hand,  $[Pd(C-N)(\eta-C1)]_2$  reacts with L-L  $(Ph_2PCH_2PPh_2, Ph_2PNHPh_2)$  yielding  $[Pd(C-N)Cl(L-L)]$  with L-L acting as monodentate. The reactions between  $[Pd(C-N)(NCMe)_2]ClO_4$  and 2,2'-bi(pyrimidyl) form mononuclear  $[Pd(C-N)(bi\text{pyr})]ClO_4$  or binuclear  $[Pd_2(C-N)_2(\eta^2\text{-bi\text{pyr}})](ClO_4)_2$ ,  $\{[C-N]Pd(\eta\text{-bi\text{pyr}})Pd(C-N')\}(ClO_4)_2$  derivs. Finally,  $[Pd(C-N)Cl(bppm)]$  ( $bppm = Ph_2PCH_2PPh_2$ ) react with NaH producing the neutral complexes  $[Pd(C-N)(dbppm)]$  ( $dbppm = Ph_2PCHPh_2$ ) which by reaction with HCl lead again to the starting materials,  $[Pd(C-N)Cl(dbppm)]$ .

THERE ARE 61 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

```

      >> fil stng
      COST IN U.S. DOLLARS
      FULL ESTIMATED COST
      DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)
      CA SUBSCRIBER PRICE
      FILE 'STNGUIDE' ENTERED AT 17:31:13 ON 06 SEP 2007
      IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
      COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

```

TOTAL

208-38

TOTAL

-2.34

FILE CONTAINS CURRENT INFORMATION.  
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)  
LAST RELOADED: Aug 31, 2007 (20070831/UP).

FILE 'STNGUIDE' ENTERED AT 17:26:28 ON 06 SEP 2007

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

## L2

10 S L2 SSS FULL

FILE 'HCAPLUS' ENTERED AT 17:29:54 ON 06 SEP 2007

FILE 'STNGUIDE' ENTERED AT 17:31:13 ON 06 SEP 2007



10/525781 Pd CMPDS str search using dmpa